

DRIVE COOLING BAFFLE

ABSTRACT OF THE DISCLOSURE

A drive cooling baffle suitable for rack mount computing systems is disclosed.

The drive cooling baffle generally includes a main body defining and extending between

5 inlet and outlet openings, at least one opening is configured to cooperate with a fan to cool an electronics component, the main body portion being configured to generally enclose the electronics component and hook and loop material such as Velcro secured to an interior surface of the main body portion, the hook and loop material being configured and disposed to engage with a corresponding hook and loop material secured to the fan

10 and/or the electronics component. The hook and loop material may be secured to indentations defined in the interior surface of the baffle. The baffle may include a flange to be in contact with an electronics components base to which the baffle, the fan, and the electronics component are attached, the flange being configured to engage with a hold down tab defined in the electronics components base. The baffle may be made of a

15 conductive plastic material and/or may be coated with an electrically conductive coating on its interior surface. The baffle may cooperate with an inflow and an outflow fan where the inflow fan generates greater air movement than the outflow fan.